

RADIO TEST REPORT

For

Foshan City Shunde District Oukai Electrical Technology Co.,LTD

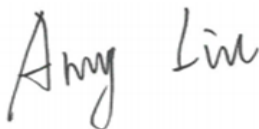
Imitation ecological mosquito control system

Test Model: H-BS700-TYN

Additional Model No.: Please Refer to Page 6

Prepared for	: Foshan City Shunde District Oukai Electrical Technology Co.,LTD
Address	: No 8, Huakou Huafa Rd, Ronggui Town, Shunde District, Foshan City, Guangdong Province, China
Prepared by	: Shenzhen Southern LCS Compliance Testing Co., Ltd.
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Date of receipt of test sample	: September 09, 2025
Number of tested samples	: 2
Sample No.	: A250818120-1, A250818120-2
Serial number	: Prototype
Date of Test	: September 09, 2025 ~ October 10, 2025
Date of Report	: October 11, 2025

RADIO TEST REPORT AS/CA S042.4:2022 ETSI EN 301 908-1 V15.2.1 (2023-01) & ETSI EN 301 908-13 V13.3.1 (2024-10)	
Report Reference No. : LCSB08185114EA Date of Issue : October 11, 2025	
Testing Laboratory Name : Shenzhen Southern LCS Compliance Testing Co., Ltd. Address : 101-201, Building 39, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China. Testing Location/ Procedure... : Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □	
Applicant's Name : Foshan City Shunde District Oukai Electrical Technology Address : No 8, Huakou Huafa Rd, Ronggui Town, Shunde District, Foshan City, Guangdong Province, China	
Test Specification Standard : AS/CA S042.4:2022 ETSI EN 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-13 V13.3.1 (2024-10) Test Report Form No. : TRF-4-E-142 A/0 TRF Originator : Shenzhen Southern LCS Compliance Testing Co., Ltd. Master TRF : Dated 2017-06	
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Test Item Description. : Imitation ecological mosquito control system Trade Mark : GOKDA Test Model : H-BS700-TYN Ratings : Please Refer to Page 6 Result : Pass	

Compiled by:

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Kris Mai/ Technique principal

Approved by:

Dm Gu/ Manager

RADIO -- TEST REPORT

Test Report No. : LCSB08185114EA	October 11, 2025 Date of issue
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Test Model.....	: H-BS700-TYN
EUT.....	: Imitation ecological mosquito control system
Applicant.....	: Foshan City Shunde District Oukai Electrical Technology Co.,LTD
Address.....	: No 8, Huakou Huafa Rd, Ronggui Town, Shunde District, Foshan City, Guangdong Province, China
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: Foshan City Shunde District Oukai Electrical Technology Co.,LTD
Address.....	: No 8, Huakou Huafa Rd, Ronggui Town, Shunde District, Foshan City, Guangdong Province, China
Telephone.....	: /
Fax.....	: /
Factory.....	: Foshan City Shunde District Oukai Electrical Technology Co.,LTD
Address.....	: No 8, Huakou Huafa Rd, Ronggui Town, Shunde District, Foshan City, Guangdong Province, China
Telephone.....	: /
Fax.....	: /

Test Result	Pass
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The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	October 11, 2025	Initial Issue	---



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1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	: Imitation ecological mosquito control system
Test Model	: H-BS700-TYN
Additional Model No.	: H-BS700, H-X5(APP), H-X3(APP), H-X5-TYN(APP)
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested.
Ratings	: Input: AC,110-240V, 8-12W,50/60Hz or DC 11.1V by Battery
Hardware Version	: V1.0
Software Version	: V1.0
LTE	:
Support Band	: ☒ E-UTRA Band 1 ☒ E-UTRA Band 3 ☒ E-UTRA Band 5 ☒ E-UTRA Band 7 ☒ E-UTRA Band 8 ☒ E-UTRA Band 20 ☒ E-UTRA Band 28 ☒ E-UTRA Band 38 ☒ E-UTRA Band 40 ☒ E-UTRA Band 41
LTE Release Version	: R8
FDD Band	: Uplink: E-UTRA Band 1: 1920MHz~1980MHz E-UTRA Band 3: 1710MHz~1785MHz E-UTRA Band 5: 824MHz~849MHz E-UTRA Band 7: 2500MHz~2570MHz E-UTRA Band 8: 880MHz~915MHz E-UTRA Band 20: 832MHz~862MHz E-UTRA Band 28: 703MHz~748MHz Downlink: E-UTRA Band 1: 2110MHz~2170MHz E-UTRA Band 3: 1805MHz~1880MHz E-UTRA Band 5: 869MHz~894MHz E-UTRA Band 7: 2620MHz~2690MHz E-UTRA Band 8: 925MHz~960MHz E-UTRA Band 20: 791MHz~821MHz E-UTRA Band 28: 758MHz~803MHz
TDD Band	: E-UTRA Band 38: 2570MHz~2620MHz E-UTRA Band 40: 2300MHz~2400MHz E-UTRA Band 41: 2496MHz~2690MHz
Type Of Modulation	: QPSK/16QAM

Antenna Description : FPC Antenna

5.0dBi (max.) For E-UTRA Band 1

5.0dBi (max.) For E-UTRA Band 3

5.0dBi (max.) For E-UTRA Band 5

5.0dBi (max.) For E-UTRA Band 7

5.00dBi (max.) For E-UTRA Band 8

5.00dBi (max.) For E-UTRA Band 20

5.0dBi (max.) For E-UTRA Band 28

5.0dBi (max.) For E-UTRA Band 38

5.0dBi (max.) For E-UTRA Band 40

5.0dBi (max.) For E-UTRA Band 41

Power Class : Class 3



1.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
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1.3. External I/O

I/O Port Description	Quantity	Cable
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1.4. Objective

Standard Referenced	Standard Title	Standard Version
ETSI EN 301 908-1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15	V15.2.1 (2023-01)
ETSI EN 301 908-13	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)	V13.3.1 (2024-10)
ETSI TS 136 521-1	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 17.7.0 Release 17)	V17.7.0 (2023-07)

The objective is to determine compliance with ETSI EN 301 908-1 V15.2.1 (2023-01) & ETSI EN 301 908-13 V13.3.1 (2024-10).

1.5. Test Conditions

Conditions	Temperature	Voltage
Normal	21-25°C	AC 240V
Low extreme Temperature/Low extreme Voltage (TL/VL);	-20°C	AC 110V
Low extreme Temperature/High extreme Voltage (TL/VH);	-20°C	AC 264V
High extreme Temperature/Low extreme Voltage (TH/VL);	45°C	AC 110V
High extreme Temperature/High extreme Voltage (TH/VH).	45°C	AC 264V
Note1: For all conditions, the humidity range is: 40-75%, the pressure range is 86-106kPa. The High Voltage AC 264V and Low Voltage AC 110V was declared by manufacturer		

1.6. Description Of Test Mode

The following operating modes were applied for the related test items. For radiated measurement, the test was performed with EUT in X, Y, Z position and the worse case was found when EUT in Y position. All test modes were tested, only the result of the worst case was recorded in the report.

Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
	1.4	3	5	10	15	20	QPSK	16QAM	1	Part	Full	L	M	H
1	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	/	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	/	Y	Y	N/A	N/A	Y	Y	Y	Y	Y	Y	Y	Y
7	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	/	Y	Y	N/A	N/A	Y	Y	Y	Y	Y	Y	Y	Y
20	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
28	N/A	Y	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
38	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
40	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
41	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y

Note:

- 1)The mark "Y" means that this configuration is chosen for testing.
- 2)The mark "/" means that this bandwidth is supported but is not chosen for testing.
- 3)The mark "N/A" means that this bandwidth is not supported.
- 4)The Band 5 See Report Appendix C for test items.

1.7. Measurement Uncertainty (95% confidence levels, k=2)

Test Item		Uncertainty
Radio Frequency	:	0.9×10^{-4}
Total RF Power, Conducted	:	1.0 dB
RF Power Density, Conducted	:	1.8 dB
Spurious Emissions, Conducted	:	1.8 dB
All Emissions, Radiated	:	3.1 dB
Temperature	:	0.5°C
Humidity	:	1 %
DC And Low Frequency Voltages	:	1 %

1.8. Description of Test Facility

Test Location	Shenzhen Southern LCS Compliance Testing Co., Ltd. 101-201, Building 39, Xialang Industrial Zone, Heshuikou Community, Matian Street, Guangming District, Shenzhen, China. CNAS Registration Number is L10160.
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2. SYSTEM TEST CONFIGURATION

2.1. Justification

N/A

2.2. EUT Exercise Software

N/A

2.3. Special Accessories

The special accessories were supplied by Shenzhen Southern LCS Compliance Testing Co., Ltd.

2.4. Block Diagram/Schematics

Please refer to the related document.

2.5. Equipment Modifications

Shenzhen Southern LCS Compliance Testing Co., Ltd. has not done any modification on the EUT.

2.6. Test Setup

Please refer to the test setup photo.



3. SUMMARY OF TEST RESULTS

Test Engineer	:	Ary Yang
Temperature/ Humidity:	:	24.6°C/ 53.2%

Reference Clause No. (ETSI EN 301 908-13)	Description of Test Items	Result					
		E-UTRA Band					
		Band 1	Band 3	Band 7	Band 8	Band 20	Band 28
4.2.2	Transmitter Maximum Output Power						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.5	Transmitter Minimum Output Power						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.3	Transmitter Spectrum Emission Mask						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.11	Transmitter Adjacent Channel Leakage Power Ratio						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.4	Transmitter Spurious Emissions						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.10	Receiver Spurious Emissions						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.6	Receiver Adjacent Channel Selectivity (ACS)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.7	Receiver Blocking Characteristics						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.8	Receiver Spurious Response						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.9	Receiver Intermodulation Characteristics						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.12	Receiver Reference Sensitivity Level						

	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass

Reference Clause No. (ETSI EN 301 908-1)	Description of Test Items	Result					
		E-UTRA Band					
		Band 1	Band 3	Band 7	Band 8	Band 20	Band 28
4.2.2	Radiated emissions (UE)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.4	Control and monitoring functions (UE)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass

Reference Clause No. (ETSI EN 301 908-13)	Description of Test Items	Result		
		E-UTRA Band		
		Band 38	Band 40	Band 41
4.2.2	Transmitter Maximum Output Power			
	Normal	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass
4.2.5	Transmitter Minimum Output Power			
	Normal	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass
4.2.3	Transmitter Spectrum Emission Mask			
	Normal	Pass	Pass	Pass
4.2.11	Transmitter Adjacent Channel Leakage Power Ratio			
	Normal	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass
4.2.4	Transmitter Spurious Emissions			
	Normal	Pass	Pass	Pass
4.2.10	Receiver Spurious Emissions			
	Normal	Pass	Pass	Pass
4.2.6	Receiver Adjacent Channel Selectivity (ACS)			



	Normal	Pass	Pass	Pass
4.2.7	Receiver Blocking Characteristics			
	Normal	Pass	Pass	Pass
4.2.8	Receiver Spurious Response			
	Normal	Pass	Pass	Pass
4.2.9	Receiver Intermodulation Characteristics			
	Normal	Pass	Pass	Pass
4.2.12	Receiver Reference Sensitivity Level			
	Normal	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass
4.2.2	Radiated emissions (UE)			
	Normal	Pass	Pass	Pass
4.2.4	Control and monitoring functions (UE)			
	Normal	Pass	Pass	Pass

Reference Clause No. (ETSI EN 301 908-1)	Description of Test Items	Result		
		E-UTRA Band		
		Band 38	Band 40	Band 41
4.2.2	Radiated emissions (UE)			
	Normal	Pass	Pass	Pass
4.2.4	Control and monitoring functions (UE)			
	Normal	Pass	Pass	Pass

***Note:

Result: Describes test result of Test Case.

Pass: Test Case passed on specified conformance test platform.

Normal(TN/VN): Normal temperature – 25°C; Normal voltage. – AC 240V

TH: High extreme Temperature – +45°C

VH: High extreme Voltage – AC 264V

TL: Low extreme Temperature – -20°C

VL: Low extreme Voltage – AC 110V

N/A: Not applicable.

—: Not test.

4. LIST OF MEASURING EQUIPMENT

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	LTE Test Software	Tonscend	JS1120-3	N/A	N/A	N/A
2	LTE Test Software	Tonscend	JS1120-1	N/A	N/A	N/A
3	RF Control Unit	Tonscend	JS0806-1	158060009	2025-07-16	2026-07-15
4	RF Control Unit	Tonscend	JS0806-2	/	2025-07-16	2026-07-15
5	MXA Signal Analyzer	Agilent	N9020A	MY49061051	2025-07-16	2026-07-15
6	MXA Signal Analyzer	Agilent	N9020A	MY51250905	2025-07-16	2026-07-15
7	DC Power Supply	Agilent	E3642A	N/A	2024-10-08 2025-09-27	2025-10-07 2026-09-26
8	MXG Vector Signal Generator	Agilent	E4438C	MY42081396(6G)	2025-07-16	2026-07-15
9	MXG Vector Signal Generator	Agilent	E4438C	MY49072627(3G)	2025-07-16	2026-07-15
10	MXG Vector Signal Generator	Agilent	N5182A	MY49060403	2025-07-16	2026-07-15
11	PSG Analog Signal Generator	Agilent	E8257D	MY4520521	2025-07-16	2026-07-15
12	High&Low Temperature Chamber	HOLINK	ITH-150-40-2P	IAA0403-005	2025-07-16	2026-07-15
13	EMI Test Software	EZ	EZ_EMC	/	N/A	N/A
14	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2025-07-29	2028-07-28
15	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2024-07-13	2027-07-12
16	Log-periodic Antenna	SCHWARZBECK	VULB9163	5094	2025-04-19	2026-04-18
17	Horn Antenna	ETS	3115	EABF-018	2025-07-19	2028-07-18
18	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2025-07-19	2028-07-18
19	Broadband Preamplifier	SCHWARZBECK	BBV9719	9719-025	2025-07-19	2028-07-18
20	EMI Test Receiver	R&S	ESCI3	101010	2025-04-18	2026-04-17
21	Low-frequency amplifier	SchwarzZBECK	BBV9745	00253	2024-10-08 2025-09-27	2025-10-07 2026-09-26
22	Broadband Preamplifier	HP	PA0118G	181205	2025-07-16	2026-07-15
23	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW 500	166586	2025-07-16	2026-07-15
24	6dB Attenuator	/	100W/6dB	1172040	2025-05-22	2026-05-21
25	3dB Attenuator	/	2N-3dB	/	2024-10-08 2025-09-28	2025-10-07 2026-09-27
26	Comprehensive Tester	HP	8921	3344A00457	2025-07-16	2026-07-15
27	RF Filter	Micro-Tronics	BRC50718	017	2025-07-16	2026-07-15
28	RF Filter	Micro-Tronics	BRC50719	011	2025-07-16	2026-07-15
29	RF Filter	Micro-Tronics	BRC50720	011	2025-07-16	2026-07-15
30	RF Filter	Micro-Tronics	BRC50721	013	2025-07-16	2026-07-15
31	RF Filter	Micro-Tronics	BRM50702	195	2025-07-16	2026-07-15
32	RF Filter	Kangmaiwei	ZHPF6-C3000-1 8000-174	19101180	2025-07-16	2026-07-15

5. PHOTOGRAPHS OF TEST SETUP

Please refer to separated files Appendix B for Photographs of Test Setup_RF.

6. PHOTOGRAPHS OF THE EUT

Please refer to separated files Appendix A for Photographs of The EUT.



Annex A

Transmitter maximum output power

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 1					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	22.64	20.3~25.7
			8RB#0	22.51	20.3~25.7
	Mid Range	1	1RB#0	22.39	20.3~25.7
			8RB#0	22.57	20.3~25.7
	High Range	1	1RB#24	22.55	20.3~25.7
			8RB#17	22.52	20.3~25.7
20MHz	Low Range	1	1RB#0	22.34	20.3~25.7
			18RB#0	22.19	20.3~25.7
	Mid Range	1	1RB#0	22.57	20.3~25.7
			18RB#0	22.52	20.3~25.7
	High Range	1	1RB#99	22.73	20.3~25.7
			18RB#82	22.62	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 3					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
1.4MHz	Low Range	1	1RB#0	20.35	20.3~25.7
	Mid Range	1	1RB#0	22.85	20.3~25.7
	High Range	1	1RB#0	23.13	20.3~25.7
			5RB#0	23.20	20.3~25.7
5MHz	Low Range	1	1RB#0	22.48	20.3~25.7
			1RB#24	22.42	20.3~25.7
	Mid Range	1	1RB#0	22.58	20.3~25.7
			1RB#24	23.16	20.3~25.7
	High Range	1	1RB#0	23.26	20.3~25.7
			1RB#24	23.10	20.3~25.7
20MHz	Low Range	1	8RB#0	23.24	20.3~25.7
			1RB#0	23.09	20.3~25.7
	Mid Range	1	1RB#99	23.30	20.3~25.7
			1RB#0	22.87	20.3~25.7
	High Range	1	1RB#99	23.45	20.3~25.7
			18RB#0	23.38	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 7					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	21.62	20.3~25.7
			1RB#24	21.39	20.3~25.7
	Mid Range	1	1RB#0	21.36	20.3~25.7
			1RB#24	21.58	20.3~25.7
	High Range	1	1RB#0	22.29	20.3~25.7
			1RB#24	22.27	20.3~25.7
			8RB#0	22.16	20.3~25.7
20MHz	Low Range	1	1RB#0	21.38	20.3~25.7
			1RB#99	22.04	20.3~25.7
	Mid Range	1	1RB#0	21.51	20.3~25.7
			1RB#99	21.94	20.3~25.7
	High Range	1	1RB#0	22.25	20.3~25.7
			1RB#99	22.37	20.3~25.7
			18RB#0	22.24	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 8					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
1.4MHz	Low Range	1	1RB#0	22.73	20.3~25.7
	Mid Range	1	1RB#0	22.28	20.3~25.7
	High Range	1	1RB#0	22.61	20.3~25.7
			5RB#0	22.70	20.3~25.7
5MHz	Low Range	1	1RB#0	22.48	20.3~25.7
			1RB#24	22.52	20.3~25.7
	Mid Range	1	1RB#0	22.30	20.3~25.7
			1RB#24	21.61	20.3~25.7
	High Range	1	1RB#0	22.57	20.3~25.7
			1RB#24	22.60	20.3~25.7
10MHz	Low Range	1	1RB#0	22.51	20.3~25.7
			1RB#49	22.47	20.3~25.7
	Mid Range	1	1RB#0	22.70	20.3~25.7
			1RB#49	22.07	20.3~25.7
	High Range	1	1RB#0	22.43	20.3~25.7
			1RB#49	22.53	20.3~25.7
			12RB#0	22.23	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 20					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	23.42	20.3~25.0
			1RB#24	23.43	20.3~25.0
	Mid Range	1	1RB#0	23.03	20.3~25.0
			1RB#24	23.13	20.3~25.0
	High Range	1	1RB#0	23.14	20.3~25.0
			1RB#24	23.12	20.3~25.0
			8RB#0	22.82	20.3~25.0
20MHz	Low Range	1	1RB#0	23.16	20.3~25.0
			1RB#99	23.17	20.3~25.0
	Mid Range	1	1RB#0	22.92	20.3~25.0
			1RB#99	22.89	20.3~25.0
	High Range	1	1RB#0	22.90	20.3~25.0
			1RB#99	22.83	20.3~25.0
			18RB#0	22.61	20.3~25.0

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 28					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
3MHz	Low Range	1	1RB#0	23.87	19.8~25
			4RB#0	24.08	19.8~25
	Mid Range	1	1RB#0	23.76	19.8~25
			4RB#0	23.78	19.8~25
	High Range	1	1RB#14	23.63	19.8~25
			4RB#11	23.76	19.8~25
5MHz	Low Range	1	1RB#0	24.01	19.8~25
			8RB#0	24.03	19.8~25
	Mid Range	1	1RB#0	23.82	19.8~25
			8RB#0	23.77	19.8~25
	High Range	1	1RB#24	23.81	19.8~25
			8RB#17	23.78	19.8~25
20MHz	Low Range	1	1RB#0	24.13	19.8~25
			18RB#0	23.85	19.8~25
	Mid Range	1	1RB#0	23.80	19.8~25
			18RB#0	23.86	19.8~25
	High Range	1	1RB#99	23.86	19.8~25
			18RB#82	23.74	19.8~25



The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 38					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	21.52	20.3~25.7
			8RB#0	21.36	20.3~25.7
	Mid Range	1	1RB#0	21.56	20.3~25.7
			8RB#0	21.02	20.3~25.7
	High Range	1	1RB#24	21.94	20.3~25.7
			8RB#17	21.67	20.3~25.7
20MHz	Low Range	1	1RB#0	22.18	20.3~25.7
			18RB#0	22.20	20.3~25.7
	Mid Range	1	1RB#0	22.49	20.3~25.7
			18RB#0	22.10	20.3~25.7
	High Range	1	1RB#99	21.83	20.3~25.7
			18RB#82	21.71	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 40					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	22.01	20.3~25.0
			8RB#0	21.88	20.3~25.0
	Mid Range	1	1RB#0	21.57	20.3~25.0
			8RB#0	21.54	20.3~25.0
	High Range	1	1RB#24	21.98	20.3~25.0
			8RB#17	21.67	20.3~25.0
20MHz	Low Range	1	1RB#0	21.83	20.3~25.0
			18RB#0	21.86	20.3~25.0
	Mid Range	1	1RB#0	22.11	20.3~25.0
			18RB#0	21.87	20.3~25.0
	High Range	1	1RB#99	21.84	20.3~25.0
			18RB#82	21.68	20.3~25.0

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 41					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	21.43	20.3~25.7
			1RB#24	21.38	20.3~25.7
	Mid Range	1	1RB#0	21.77	20.3~25.7
			1RB#24	21.76	20.3~25.7
	High Range	1	1RB#0	21.42	20.3~25.7
			1RB#24	21.47	20.3~25.7
			8RB#0	21.05	20.3~25.7
20MHz	Low Range	1	1RB#0	22.18	20.3~25.7
			1RB#99	22.19	20.3~25.7
	Mid Range	1	1RB#0	21.98	20.3~25.7
			1RB#99	21.99	20.3~25.7
	High Range	1	1RB#0	22.23	20.3~25.7
			1RB#99	21.98	20.3~25.7
			18RB#0	22.13	20.3~25.7

Annex of Radiated spurious emission

Radiated spurious emissions - MS allocated a channel(Worst Case)

LTE Band 1(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.74	Horizontal	-72.17	-36.00	Pass
895.55	H	-74.41	-36.00	
3904.77	H	-65.14	-30.00	
5853.04	H	-59.81	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.20	Vertical	-73.80	-36.00	Pass
944.35	V	-77.59	-36.00	
3901.89	V	-64.16	-30.00	
5850.85	V	-50.83	-30.00	

LTE Band 1(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.54	Horizontal	-70.53	-36.00	Pass
960.01	H	-76.39	-36.00	
3902.25	H	-64.84	-30.00	
5851.39	H	-55.19	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.98	Vertical	-75.10	-36.00	Pass
853.09	V	-73.90	-36.00	
3905.95	V	-68.61	-30.00	
5850.70	V	-60.94	-30.00	

LTE Band 1(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.80	Horizontal	-78.18	-36.00	Pass
895.60	H	-73.40	-36.00	
3901.97	H	-70.65	-30.00	
5854.18	H	-53.69	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.74	Vertical	-74.80	-36.00	Pass
959.37	V	-78.66	-36.00	
3902.33	V	-69.88	-30.00	
5852.19	V	-60.41	-30.00	

LTE Band 1(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.21	Horizontal	-72.83	-36.00	Pass
767.81	H	-71.75	-36.00	
3901.90	H	-64.05	-30.00	
5852.98	H	-50.82	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.49	Vertical	-77.01	-36.00	Pass
771.83	V	-80.50	-36.00	
3900.53	V	-61.46	-30.00	
5854.86	V	-60.51	-30.00	

LTE Band 3(1.4MHz, RB allocation=6): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.76	Horizontal	-80.40	-36.00	Pass
838.63	H	-72.62	-36.00	
3501.92	H	-66.64	-30.00	
5255.38	H	-52.60	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.18	Vertical	-70.87	-36.00	Pass
936.17	V	-80.55	-36.00	
3503.92	V	-69.79	-30.00	
5251.11	V	-56.94	-30.00	

LTE Band 3(1.4MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.09	Horizontal	-80.86	-36.00	Pass
853.75	H	-76.26	-36.00	
3504.10	H	-68.09	-30.00	
5253.73	H	-50.34	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.82	Vertical	-76.67	-36.00	Pass
966.49	V	-77.42	-36.00	
3504.67	V	-60.92	-30.00	
5254.27	V	-52.28	-30.00	

LTE Band 3(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.22	Horizontal	-75.62	-36.00	Pass
826.16	H	-74.40	-36.00	
3503.02	H	-65.80	-30.00	
5252.23	H	-52.38	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.16	Vertical	-75.49	-36.00	Pass
865.83	V	-80.72	-36.00	
3502.71	V	-63.47	-30.00	
5253.26	V	-54.72	-30.00	

LTE Band 3(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.27	Horizontal	-78.60	-36.00	Pass
978.93	H	-76.20	-36.00	
3505.76	H	-60.56	-30.00	
5253.04	H	-54.28	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.34	Vertical	-75.88	-36.00	Pass
911.58	V	-76.90	-36.00	
3500.99	V	-65.64	-30.00	
5251.30	V	-55.56	-30.00	



LTE Band 3(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.69	Horizontal	-80.58	-36.00	Pass
932.28	H	-78.75	-36.00	
3502.00	H	-64.63	-30.00	
5255.15	H	-56.50	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.78	Vertical	-72.06	-36.00	Pass
715.29	V	-77.42	-36.00	
3504.66	V	-64.98	-30.00	
5253.61	V	-55.78	-30.00	

LTE Band 3(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.25	Horizontal	-74.42	-36.00	Pass
860.62	H	-79.69	-36.00	
3503.70	H	-70.81	-30.00	
5251.67	H	-58.44	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.66	Vertical	-75.58	-36.00	Pass
913.59	V	-74.91	-36.00	
3503.93	V	-67.09	-30.00	
5253.60	V	-54.07	-30.00	

LTE Band 7(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.08	Horizontal	-70.88	-36.00	Pass
940.81	H	-78.74	-36.00	
5072.75	H	-68.71	-30.00	
7689.38	H	-53.52	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.70	Vertical	-77.33	-36.00	Pass
951.82	V	-79.02	-36.00	
5070.97	V	-69.65	-30.00	
7690.32	V	-57.10	-30.00	

LTE Band 7(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.63	Horizontal	-75.59	-36.00	Pass
988.98	H	-74.39	-36.00	
5072.05	H	-70.33	-30.00	
7689.99	H	-50.11	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.05	Vertical	-72.10	-36.00	Pass
849.44	V	-71.31	-36.00	
5070.24	V	-70.04	-30.00	
7688.25	V	-51.40	-30.00	

LTE Band 7(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.62	Horizontal	-79.17	-36.00	Pass
700.02	H	-74.64	-36.00	
5074.09	H	-62.13	-30.00	
7686.46	H	-50.49	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.69	Vertical	-74.04	-36.00	Pass
909.37	V	-72.65	-36.00	
5070.96	V	-67.22	-30.00	
7688.92	V	-55.75	-30.00	

LTE Band 7(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.75	Horizontal	-77.99	-36.00	Pass
928.20	H	-78.65	-36.00	
5075.59	H	-66.70	-30.00	
7689.58	H	-60.30	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.40	Vertical	-74.96	-36.00	Pass
965.13	V	-73.95	-36.00	
5073.25	V	-62.44	-30.00	
7689.68	V	-58.06	-30.00	

LTE Band 8(1.4MHz, RB allocation=6): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.86	Horizontal	-79.44	-36.00	Pass
853.39	H	-80.15	-36.00	
1793.22	H	-65.83	-30.00	
2692.65	H	-53.41	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.73	Vertical	-75.72	-36.00	Pass
918.85	V	-80.09	-36.00	
1794.46	V	-61.38	-30.00	
2692.42	V	-57.89	-30.00	

LTE Band 8(1.4MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.29	Horizontal	-79.56	-36.00	Pass
749.49	H	-73.85	-36.00	
1793.76	H	-70.08	-30.00	
2691.87	H	-51.40	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.68	Vertical	-77.65	-36.00	Pass
998.81	V	-72.71	-36.00	
1793.18	V	-66.59	-30.00	
2695.63	V	-57.61	-30.00	

LTE Band 8(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.76	Horizontal	-71.30	-36.00	Pass
865.45	H	-78.60	-36.00	
1796.23	H	-68.40	-30.00	
2695.77	H	-56.01	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.64	Vertical	-71.64	-36.00	Pass
868.85	V	-73.47	-36.00	
1792.98	V	-64.35	-30.00	
2690.47	V	-57.71	-30.00	

LTE Band 8(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.47	Horizontal	-78.24	-36.00	Pass
775.72	H	-75.88	-36.00	
1796.49	H	-64.79	-30.00	
2695.64	H	-60.28	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.46	Vertical	-74.17	-36.00	Pass
984.05	V	-78.41	-36.00	
1799.19	V	-61.97	-30.00	
2695.27	V	-55.12	-30.00	

LTE Band 8(10MHz, RB allocation=50): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.91	Horizontal	-80.72	-36.00	Pass
828.05	H	-78.66	-36.00	
1798.40	H	-63.16	-30.00	
2695.22	H	-60.38	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.09	Vertical	-75.35	-36.00	Pass
750.90	V	-73.63	-36.00	
1797.85	V	-63.55	-30.00	
2690.92	V	-53.10	-30.00	

LTE Band 8(10MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.96	Horizontal	-79.52	-36.00	Pass
872.43	H	-79.79	-36.00	
1798.81	H	-68.32	-30.00	
2695.48	H	-59.37	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.51	Vertical	-74.55	-36.00	Pass
847.03	V	-72.91	-36.00	
1799.26	V	-64.69	-30.00	
2694.83	V	-53.31	-30.00	



LTE Band 20(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.20	Horizontal	-77.40	-36.00	Pass
755.80	H	-72.29	-36.00	
1690.11	H	-68.12	-30.00	
2543.71	H	-59.40	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.61	Vertical	-72.55	-36.00	Pass
845.18	V	-71.47	-36.00	
1700.57	V	-63.06	-30.00	
2542.65	V	-58.84	-30.00	

LTE Band 20(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.49	Horizontal	-72.54	-36.00	Pass
730.12	H	-73.05	-36.00	
1696.17	H	-68.58	-30.00	
2541.28	H	-52.63	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.40	Vertical	-71.45	-36.00	Pass
735.15	V	-78.57	-36.00	
1700.04	V	-66.20	-30.00	
2543.39	V	-57.89	-30.00	

LTE Band 20(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.53	Horizontal	-72.09	-36.00	Pass
941.97	H	-74.01	-36.00	
1699.63	H	-69.51	-30.00	
2544.64	H	-52.96	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.06	Vertical	-74.68	-36.00	Pass
748.63	V	-73.94	-36.00	
1695.83	V	-62.94	-30.00	
2541.79	V	-56.69	-30.00	

LTE Band 20(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.82	Horizontal	-78.04	-36.00	Pass
736.13	H	-78.92	-36.00	
1695.09	H	-66.32	-30.00	
2541.72	H	-51.81	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.04	Vertical	-71.36	-36.00	Pass
818.84	V	-72.96	-36.00	
1700.32	V	-61.24	-30.00	
2544.92	V	-55.79	-30.00	

LTE Band 28(3MHz, RB allocation=15): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.64	Horizontal	-71.27	-36.00	Pass
968.41	H	-75.91	-36.00	
1452.90	H	-64.95	-30.00	
2172.16	H	-54.82	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.07	Vertical	-71.37	-36.00	Pass
709.57	V	-71.86	-36.00	
1447.28	V	-62.71	-30.00	
2173.48	V	-57.73	-30.00	

LTE Band 28(3MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.71	Horizontal	-75.86	-36.00	Pass
743.92	H	-70.86	-36.00	
1452.43	H	-60.12	-30.00	
2173.00	H	-55.16	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.50	Vertical	-74.21	-36.00	Pass
955.02	V	-73.31	-36.00	
1450.39	V	-62.40	-30.00	
2171.77	V	-53.53	-30.00	

LTE Band 28(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.69	Horizontal	-74.69	-36.00	Pass
726.84	H	-79.03	-36.00	
1454.99	H	-70.37	-30.00	
2172.43	H	-60.27	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.64	Vertical	-70.94	-36.00	Pass
817.33	V	-70.06	-36.00	
1455.77	V	-63.99	-30.00	
2176.84	V	-51.17	-30.00	

LTE Band 28(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.53	Horizontal	-77.22	-36.00	Pass
745.66	H	-78.28	-36.00	
1447.21	H	-60.62	-30.00	
2170.84	H	-53.07	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.84	Vertical	-78.57	-36.00	Pass
938.70	V	-72.73	-36.00	
1447.32	V	-60.27	-30.00	
2173.44	V	-52.60	-30.00	

LTE Band 28(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.73	Horizontal	-70.09	-36.00	Pass
950.69	H	-75.65	-36.00	
1451.98	H	-64.00	-30.00	
2171.00	H	-55.51	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.52	Vertical	-75.75	-36.00	Pass
946.61	V	-78.16	-36.00	
1454.06	V	-69.93	-30.00	
2172.21	V	-50.69	-30.00	

LTE Band 28(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.82	Horizontal	-75.28	-36.00	Pass
710.88	H	-79.02	-36.00	
1446.77	H	-61.04	-30.00	
2170.27	H	-54.02	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.65	Vertical	-79.92	-36.00	Pass
928.35	V	-74.29	-36.00	
1451.31	V	-66.07	-30.00	
2179.15	V	-58.23	-30.00	

LTE Band 38(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.61	Horizontal	-76.20	-36.00	Pass
889.83	H	-75.79	-36.00	
5194.06	H	-62.26	-30.00	
7794.84	H	-51.39	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.76	Vertical	-73.22	-36.00	Pass
909.03	V	-80.93	-36.00	
5195.06	V	-70.68	-30.00	
7792.33	V	-52.64	-30.00	

LTE Band 38(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.71	Horizontal	-74.59	-36.00	Pass
926.31	H	-75.90	-36.00	
5192.58	H	-61.06	-30.00	
7793.22	H	-53.60	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.22	Vertical	-79.84	-36.00	Pass
1000.27	V	-76.36	-36.00	
5191.39	V	-61.39	-30.00	
7792.05	V	-57.57	-30.00	



LTE Band 38(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.18	Horizontal	-75.29	-36.00	Pass
849.15	H	-79.41	-36.00	
5193.91	H	-64.92	-30.00	
7794.09	H	-56.74	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.89	Vertical	-79.15	-36.00	Pass
757.32	V	-74.12	-36.00	
5190.99	V	-65.62	-30.00	
7791.82	V	-51.06	-30.00	

LTE Band 38(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.57	Horizontal	-72.93	-36.00	Pass
881.23	H	-74.38	-36.00	
5195.47	H	-65.11	-30.00	
7791.16	H	-53.37	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.35	Vertical	-78.20	-36.00	Pass
770.36	V	-78.94	-36.00	
5191.04	V	-61.02	-30.00	
7793.80	V	-54.98	-30.00	

LTE Band 40(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.66	Horizontal	-71.78	-36.00	Pass
842.70	H	-79.50	-36.00	
4700.37	H	-65.86	-30.00	
7054.70	H	-51.44	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.82	Vertical	-77.71	-36.00	Pass
915.35	V	-76.16	-36.00	
4705.17	V	-63.86	-30.00	
7050.21	V	-56.23	-30.00	

LTE Band 40(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.63	Horizontal	-73.24	-36.00	Pass
976.62	H	-80.45	-36.00	
4707.02	H	-65.31	-30.00	
7054.09	H	-53.43	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.52	Vertical	-71.05	-36.00	Pass
850.83	V	-71.38	-36.00	
4707.75	V	-70.29	-30.00	
7055.71	V	-58.65	-30.00	

LTE Band 40(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.92	Horizontal	-72.30	-36.00	Pass
819.33	H	-79.16	-36.00	
4700.97	H	-69.07	-30.00	
7053.65	H	-59.98	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.82	Vertical	-76.19	-36.00	Pass
725.34	V	-80.17	-36.00	
4705.01	V	-67.95	-30.00	
7054.34	V	-53.98	-30.00	

LTE Band 40(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.91	Horizontal	-80.02	-36.00	Pass
883.20	H	-71.20	-36.00	
4707.10	H	-66.01	-30.00	
7057.01	H	-55.49	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.45	Vertical	-76.97	-36.00	Pass
754.63	V	-76.64	-36.00	
4705.86	V	-69.32	-30.00	
7055.59	V	-56.11	-30.00	

LTE Band 41(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.51	Horizontal	-77.61	-36.00	Pass
728.54	H	-80.92	-36.00	
4806.54	H	-62.90	-30.00	
7255.43	H	-60.08	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.42	Vertical	-77.23	-36.00	Pass
935.47	V	-79.25	-36.00	
4807.60	V	-64.63	-30.00	
7257.96	V	-50.55	-30.00	

LTE Band 41(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.03	Horizontal	-74.31	-36.00	Pass
822.32	H	-74.96	-36.00	
4804.76	H	-62.71	-30.00	
7258.10	H	-53.53	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.84	Vertical	-73.93	-36.00	Pass
880.15	V	-71.06	-36.00	
4804.30	V	-69.45	-30.00	
7255.11	V	-59.96	-30.00	

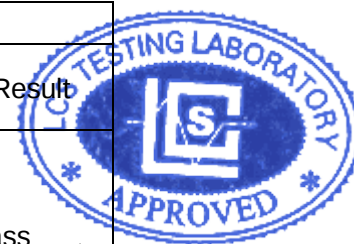
LTE Band 41(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.89	Horizontal	-75.63	-36.00	Pass
784.44	H	-80.87	-36.00	
4807.31	H	-60.23	-30.00	
7258.89	H	-60.81	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.15	Vertical	-70.79	-36.00	Pass
903.57	V	-77.13	-36.00	
4805.26	V	-70.52	-30.00	
7258.32	V	-50.13	-30.00	

LTE Band 41(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.48	Horizontal	-74.53	-36.00	Pass
765.24	H	-74.18	-36.00	
4804.36	H	-63.09	-30.00	
7255.54	H	-50.25	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.29	Vertical	-79.82	-36.00	Pass
800.06	V	-72.23	-36.00	
4804.43	V	-62.64	-30.00	
7254.45	V	-57.57	-30.00	

Radiated spurious emissions-MS in idle mode (Worst Case)

LTE Band 1: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.36	Horizontal	-74.41	-57.00	Pass
708.60	H	-79.86	-57.00	
1795.48	H	-67.63	-47.00	
2707.36	H	-59.22	-47.00	
3615.63	H	-58.88	-47.00	
LTE Band 1: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.26	Vertical	-79.59	-57.00	Pass
884.54	V	-75.67	-57.00	
1795.44	V	-69.64	-47.00	
2704.00	V	-59.54	-47.00	
3613.68	V	-59.80	-47.00	

LTE Band 8: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.89	Horizontal	-70.83	-57.00	Pass
902.95	H	-80.27	-57.00	
1691.76	H	-63.16	-47.00	
2678.25	H	-51.52	-47.00	
3250.03	H	-50.51	-47.00	
LTE Band 8: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.87	Vertical	-70.99	-57.00	Pass
899.24	V	-80.65	-57.00	
1693.22	V	-67.85	-47.00	
2680.24	V	-60.06	-47.00	
3248.14	V	-53.67	-47.00	



Note: The report only recorded the worst result.

-----THE END OF REPORT-----